

Substitute for form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			COMPLETE IF KNOWN		
			Application Number	10/509,972	
			Filing Date	October 1, 2004	
			First Named Inventor	Yusheng XIONG et al.	
			Group Art Unit	1626	
			Examiner Name	Susannah Lee CHUNG	
Sheet	1	of	Attorney Docket Number		21111YP USA

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
	1	2007-0219382	A1	Dreher et al. (Atty Docket No. 21671YP USA)	09/20/2007
	2	11/006,335		Hermes (unpublished; Atty Docket No. 21600 USA)	
	3	5,804,593		Warpehoski et al.	09/08/1998
	4	6,803,379	B2	Fernandez-Pol et al.	10/12/2004
	5	6,979,449	B1	Mock	12/27/2005
	6	6,927,068	B2	Simonson et al.	08/09/2005
	7	6,911,203	B2	Duesbery et al.	06/28/2005
	8	6,893,835	B2	Duesbery et al.	05/17/2005
	9	5,677,274		Leppla et al.	10/14/1997
	10	5,591,631		Leppla et al.	01/07/1997
	11	2004-023136	A1	Singh et al.	11/25/2004
	12	6,022,893		Sakai et al.	02/08/2000
	13	2004-0076638	A1	Siloach et al.	04/22/2004
	14	2007-0027064	A1	Appelbaum	02/01/2007
	15	6,143,744		Broka et al.	11/07/2000
	16	2006-0246532	A1	Frucht et al.	11/02/2006
	17	5,892,112		Levy et al.	04/06/1999
	18	2004-0006040	A1	Schechter	01/08/2004
	19	2007-0117848	A1	Puerta et al.	05/24/2007
	20	2006-0084688	A1	Barta et al.	04/20/2006

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Office	Number	Kind Code (if known)		
	21	JP	10-204059	A	Ono Pharmaceutical Co. (with machine translation)	08/04/1998
	22	JP	11-035557	A	Ono Pharmaceutical Co. (with machine translation)	02/09/1999
	23	JP	11-246527	A	(Unknown)(with machine translation)	09/14/1999
	24	WO	00/15213	A1	Shionogi & Co., Ltd. (with English-language abstract)	03/23/2000
	25	EP	1 069 110	A1	Sankyo Company Limited	01/17/2001
	26	WO	99/58947	A2	Isis Pharmaceuticals, Inc.	11/18/1999
	27	JP	2001-513484	A	(Unknown) (with English-language abstract)	08/21/2001
	28	JP	2001-503400	A	(Unknown) (with English-language abstract)	03/13/2001
	29	JP	11-501910	A	(Unknown) (with English-language abstract)	02/16/1999
	30	EP	0 950 656	B1	Shionogi & Co., Ltd.	02/16/1999

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		Number	Kind Code (if known)		
	31	2005-0287074	A1	Carpenter et al.	12/29/2005
	32	2005-0113344	A1	Li et al.	05/26/2005
	33	5,239,078		Galardy et al.	04/24/1993
	34	5,773,438		Levy et al.	06/30/1998
	35	2007-0142318	A1	Sonenshein	06/21/2007
	36	6,150,394		Watanabe et al.	11/21/2000
	37	6,225,311	B1	Levin et al.	05/01/2001
	38	2004-0138103	A1	Patt	07/15/2004
	39	2007-0054861	A1	Rougeot et al.	03/08/2007
	40	2005-0085504	A1	Nelson et al.	04/21/2005
	41	2003-0224403	A1	Popov et al.	12/04/2003
	42	4,962,230		Takaya et al.	10/09/1990
	43	5,559,267		Burk	09/24/1996

FOREIGN PATENT DOCUMENTS						
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		Office	Number	Kind Code (if known)		
	44	WO	2003/073066	A2	Merck & Co., Inc.	09/04/2003
	45	EP	1 486 207	A3	Watanabe et al.	12/15/2004
	46	WO	2003/101382	A2	Merck & Co., Inc.	12/11/2003
	47	WO	2004/011449	A2	Wilex AG (with English-language abstract)	02/04/2002

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Sheet	3	of	3	Attorney Docket Number	21111YP USA

NON PATENT LITERATURE DOCUMENTS		
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
	48	Armelle Menard et al., 320 Biochem. J. 687-91 (1996).
	49	W.L. Shoop et al., 102(22) PNAS (2005).
	50	Ansu Agrawal et al., 424 Nature 329-34 (2003).
	51	Paolo Ascenzi et al., 5531 FEBS Letters 384-88 (2002).
	52	R.J. Cherney et al., 46 J. Med. Chem. 1811-23 (2003).
	53	J. Inoue et al., 46 J. Med. Chem. 868-71 (2003).
	54	H.B. Milne et al., 79 J. Am. Chem. Soc. 645-48 (1857).
	55	T. Benicori et al., 65 J. Org. Chem. 2043-47 (2000).
	56	D. Liu et al., 4 Org. Lett. 4471-74 (2002).
	57	A. Togni et al., 116 J. Am. Chem. Soc. 4062-66 (1994).
	58	K. Mashima et al., J. Chem. Soc. Chem. Comm. 1208-10 (1989).

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